

Figure 1

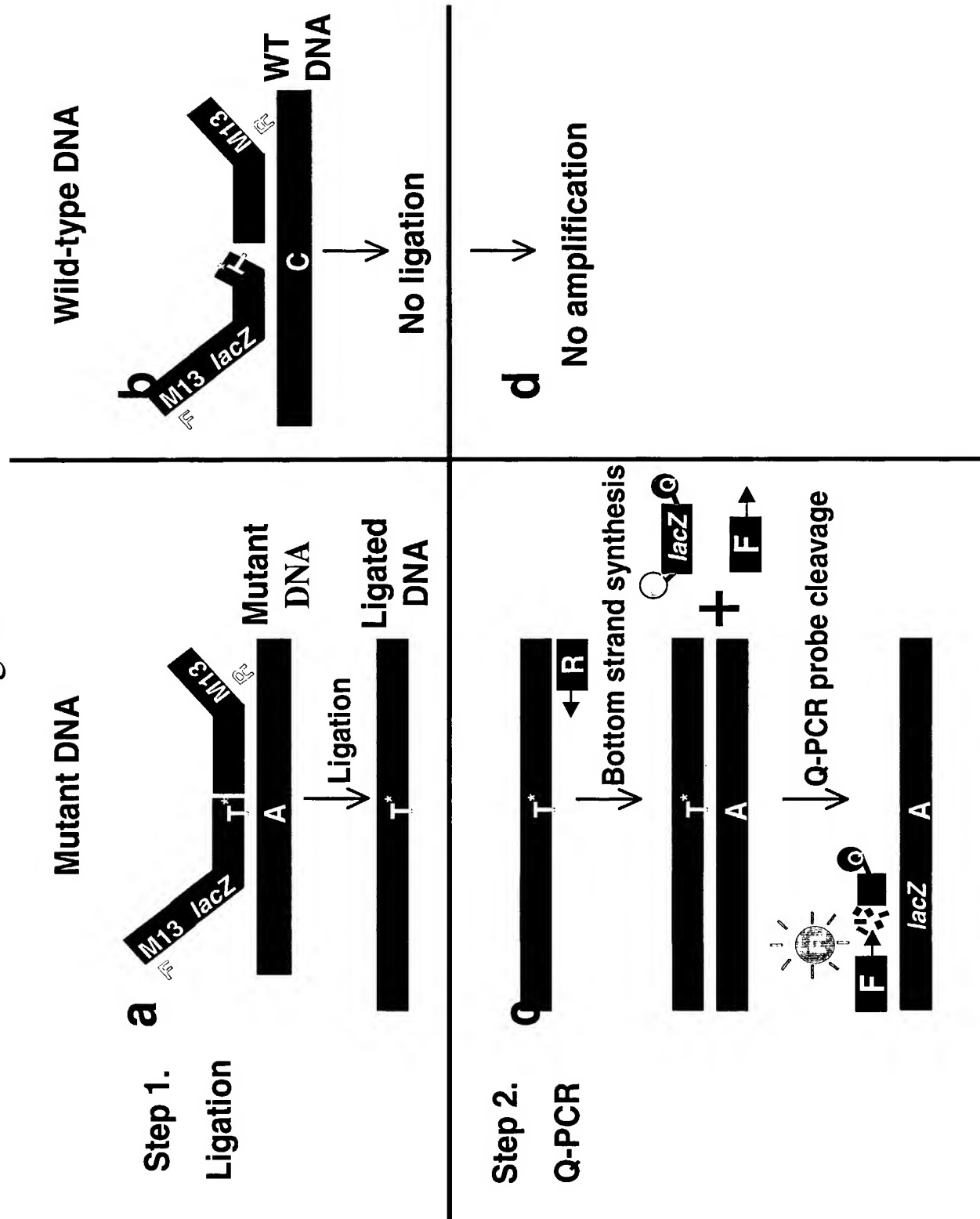


Figure 2

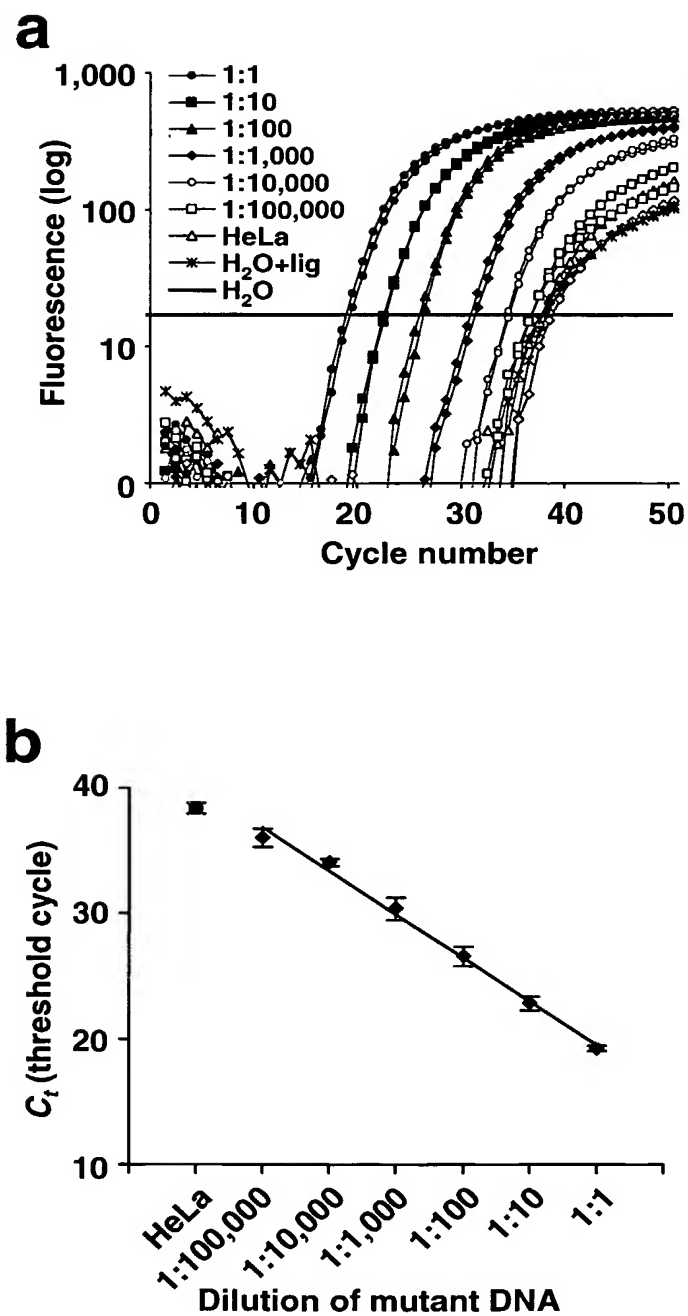


Figure 2 (cont.)

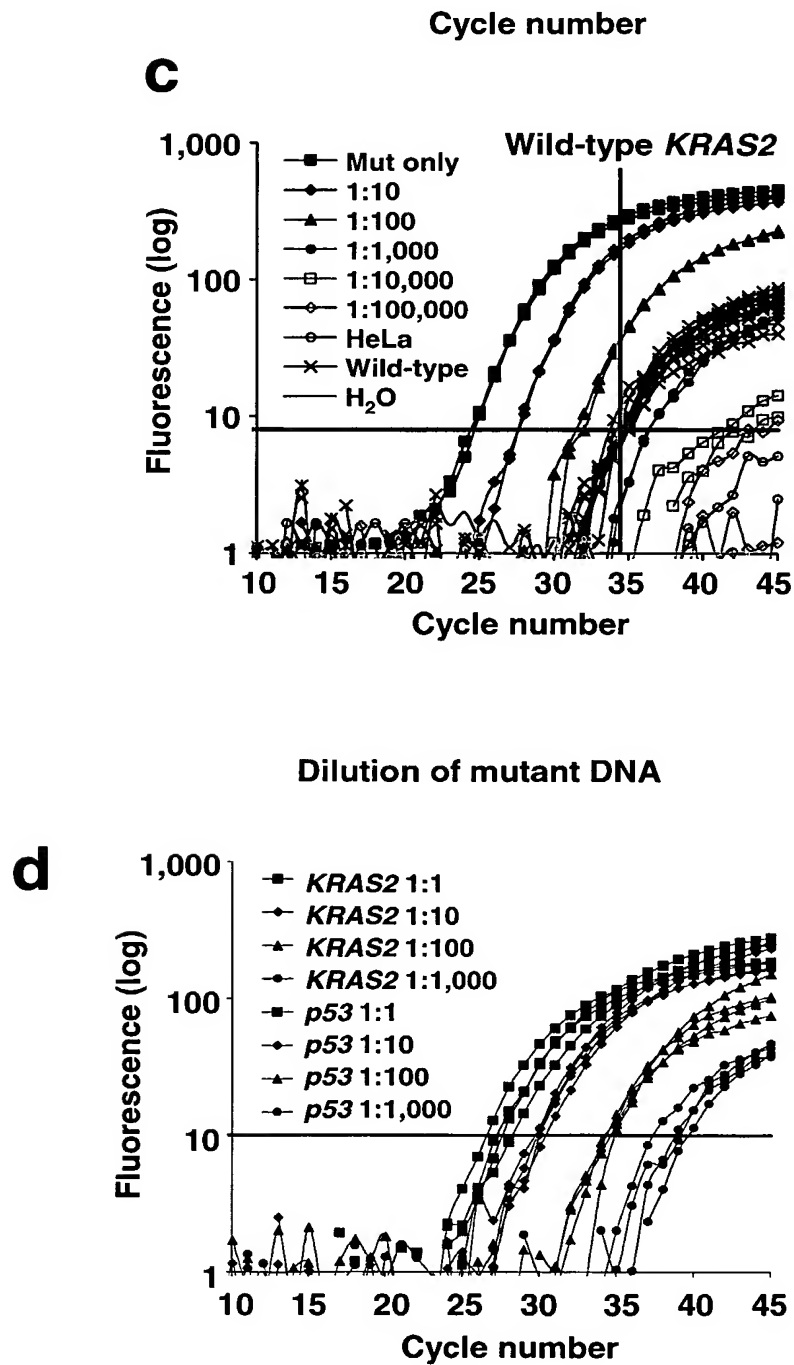


Figure 3

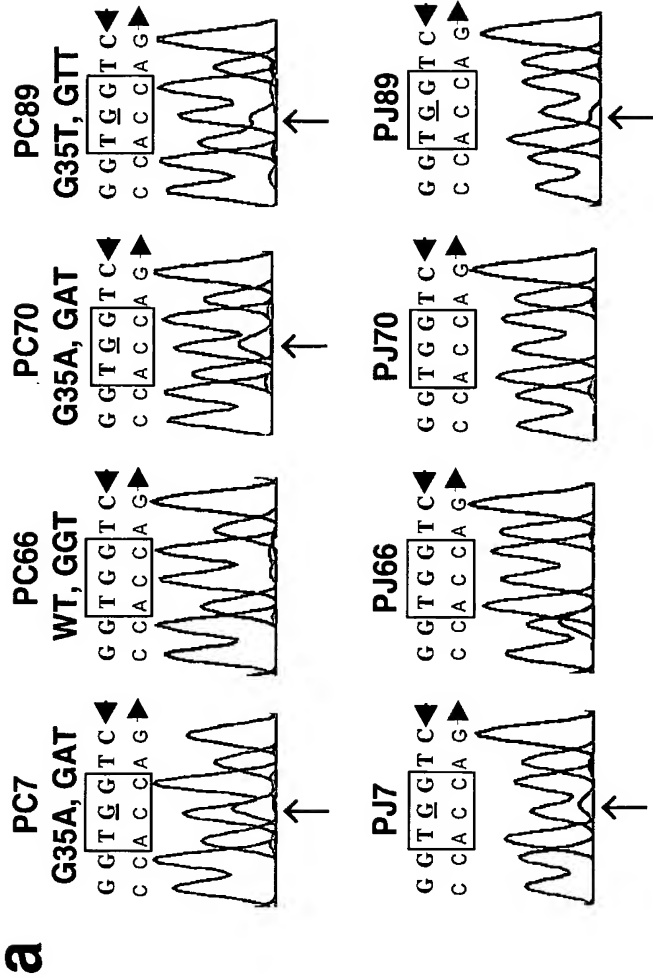


Figure 3 (cont.)

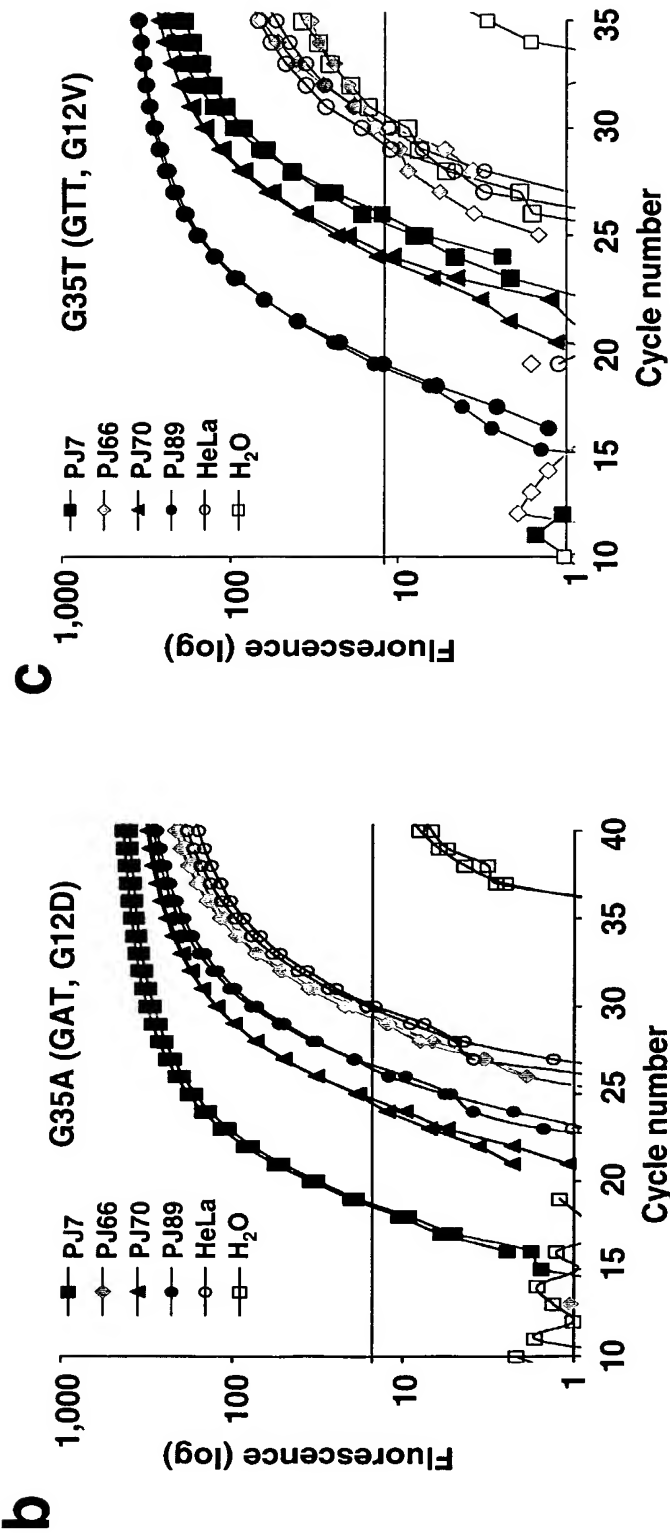


Figure 4

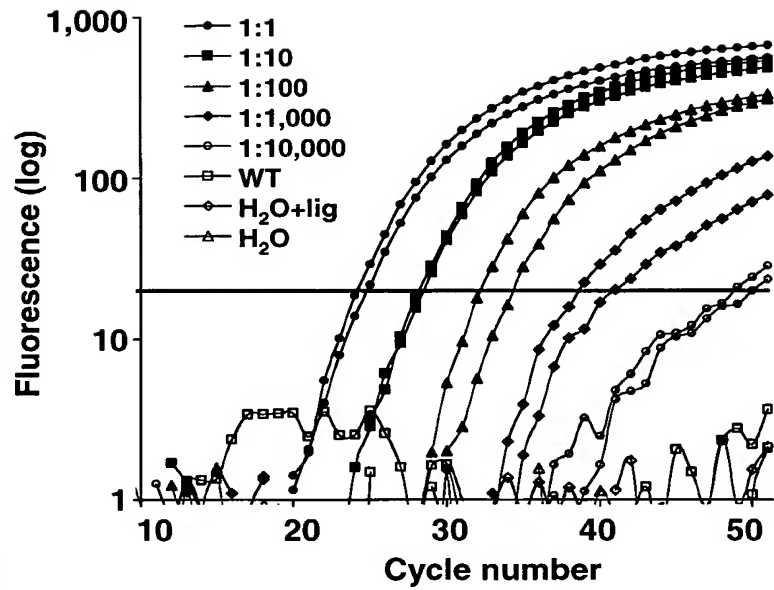
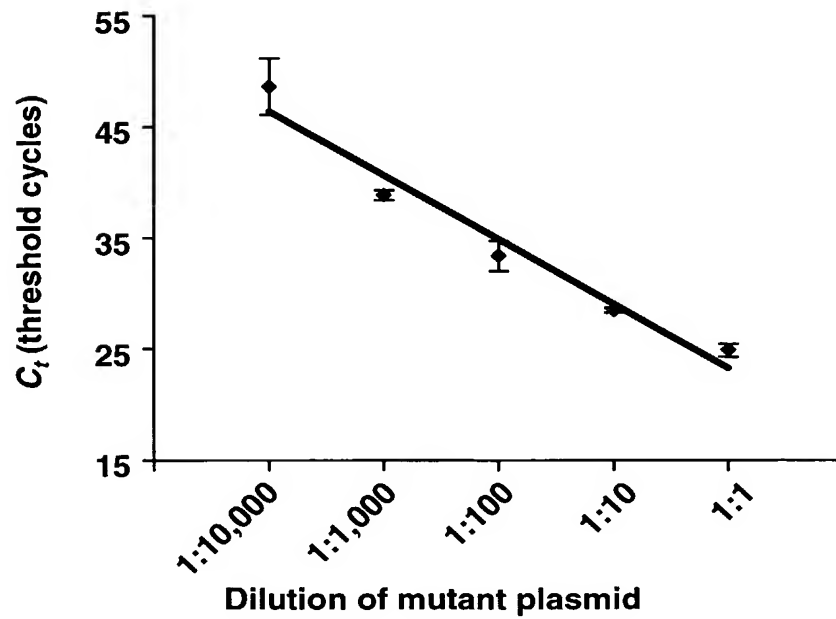
a**b**

Figure 5

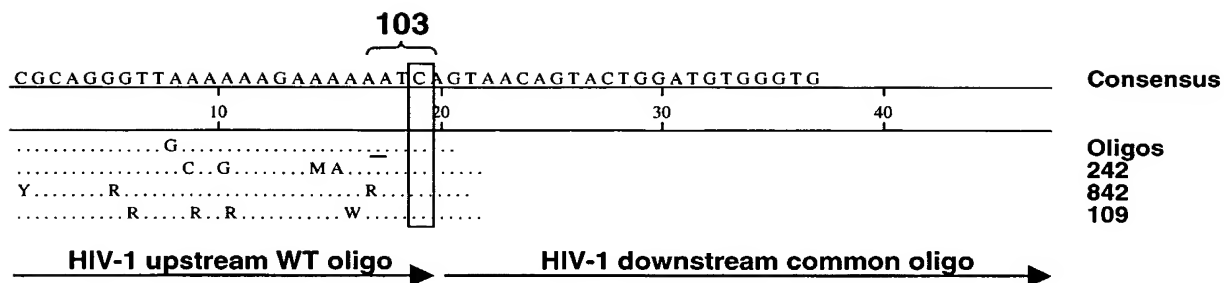
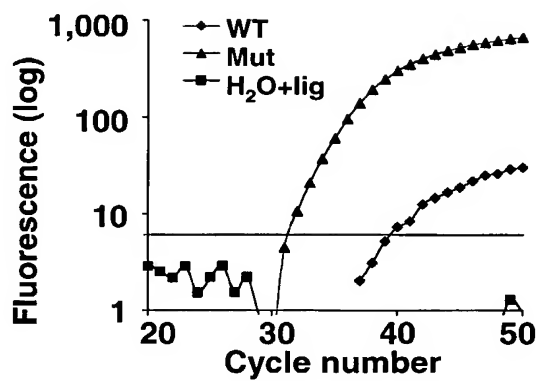
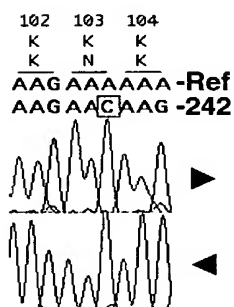
a**b**

Figure 5 (cont)

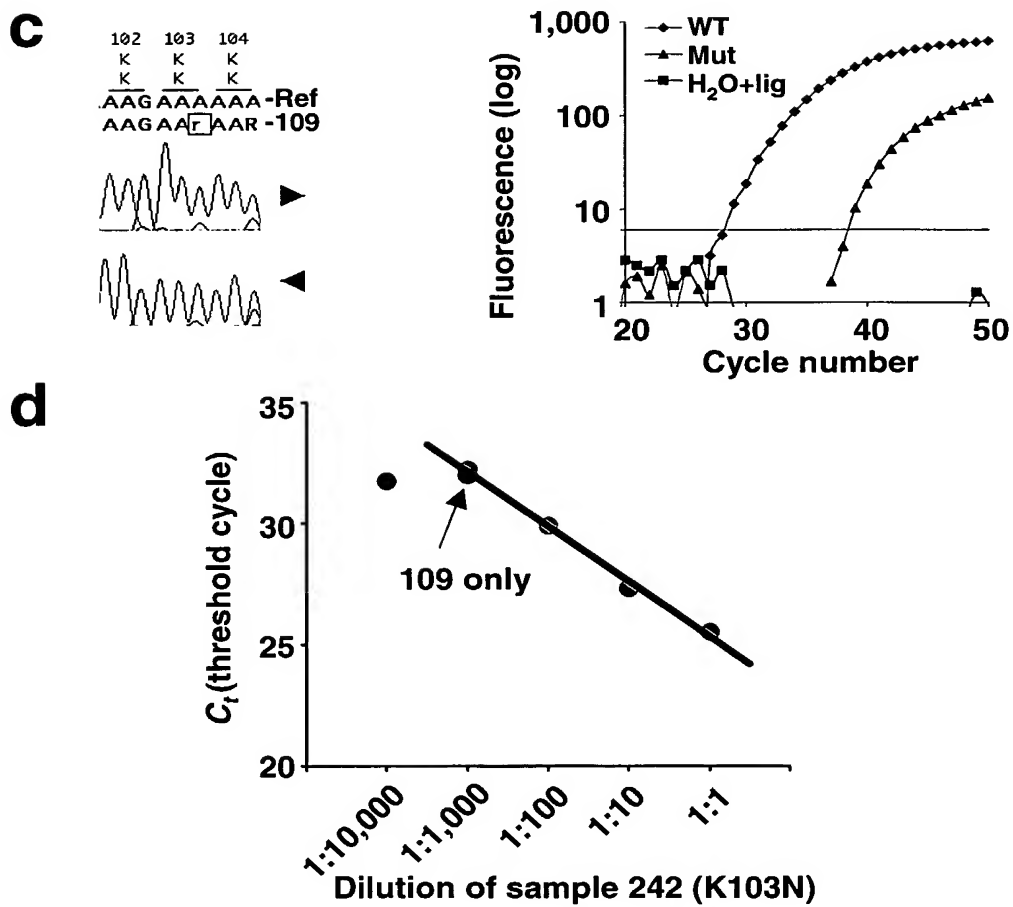


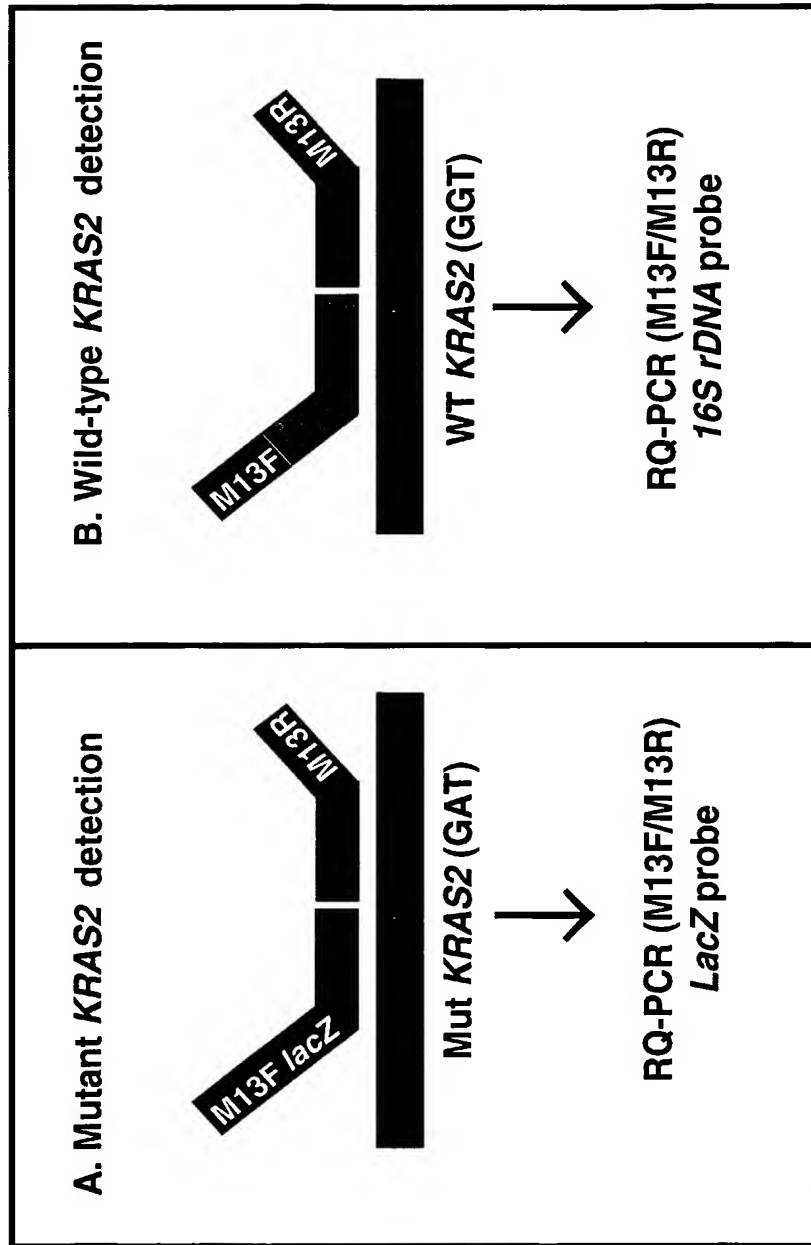
Figure 6

Figure 7A

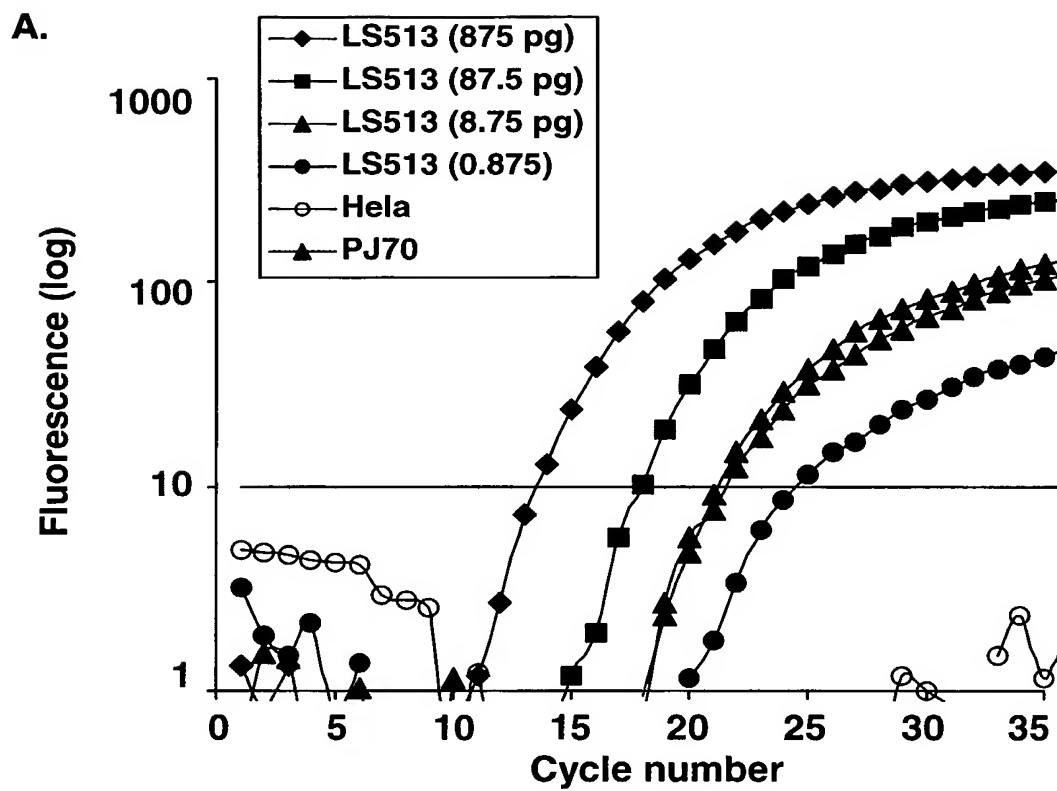
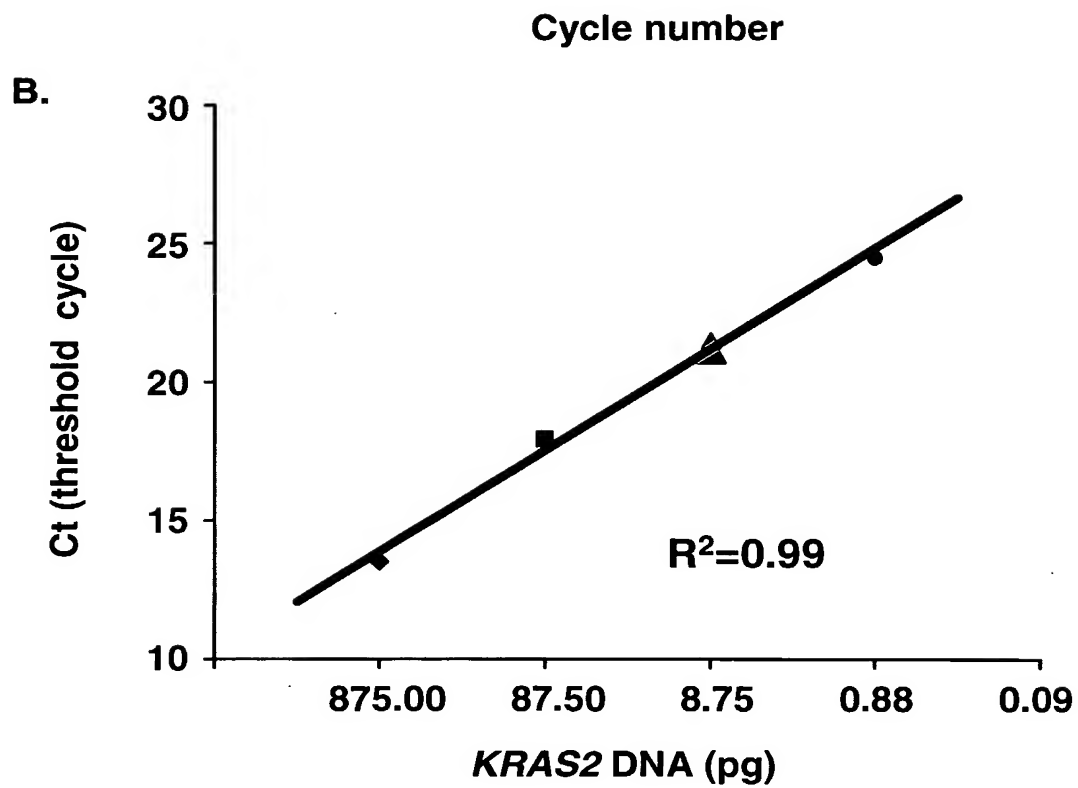


Figure 7B



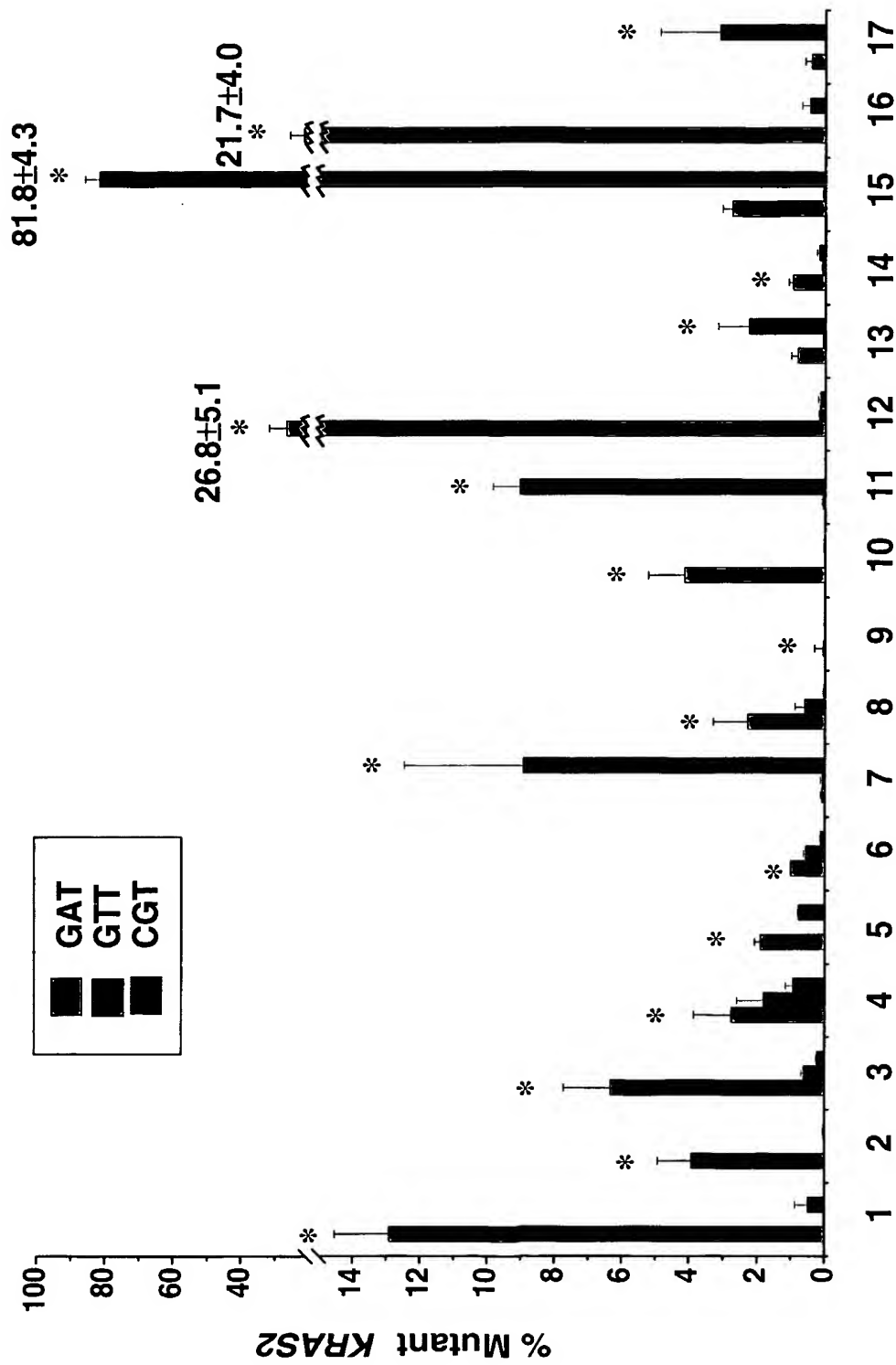


Figure 8

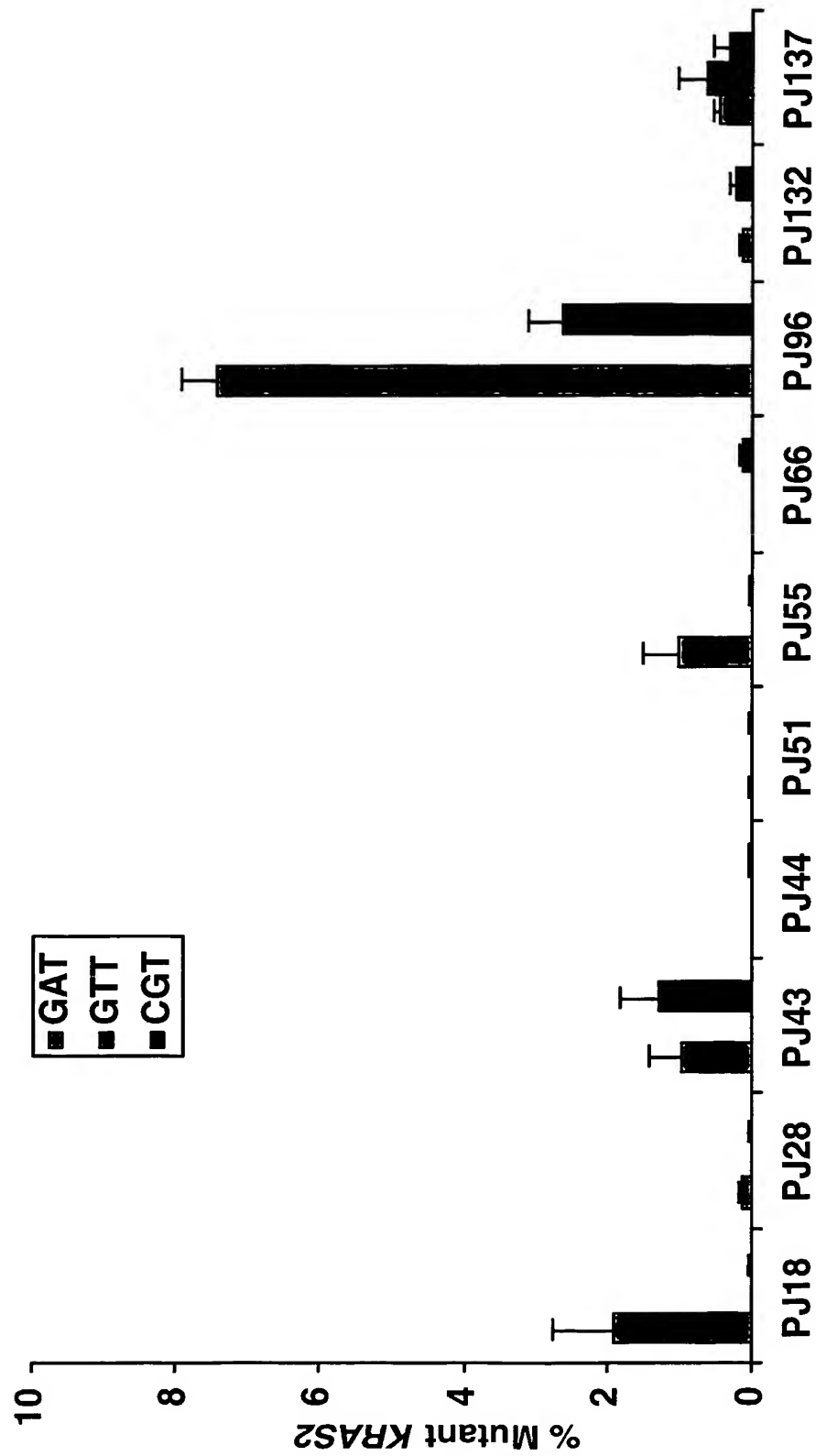


Figure 9

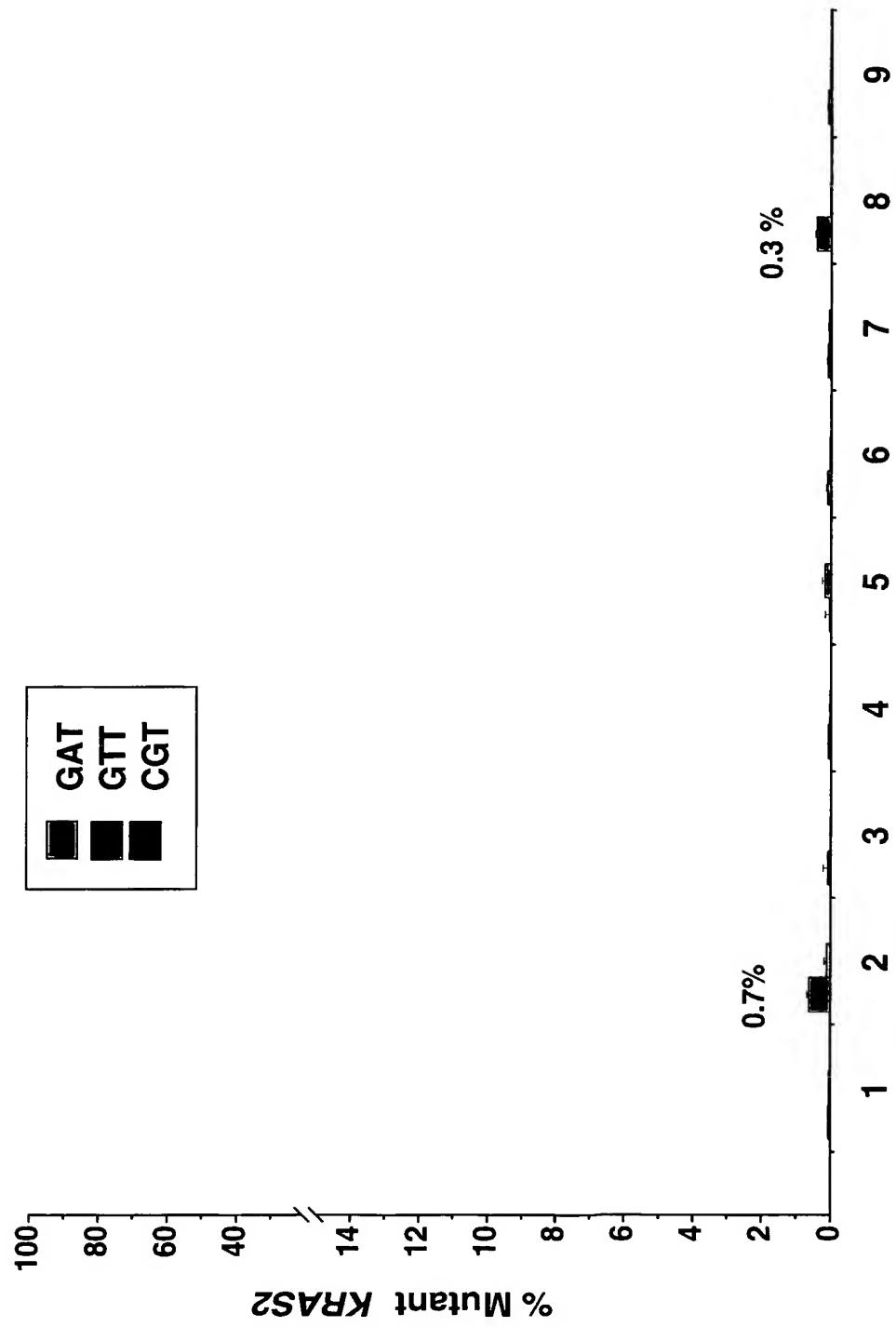


Figure 10

Figure 11

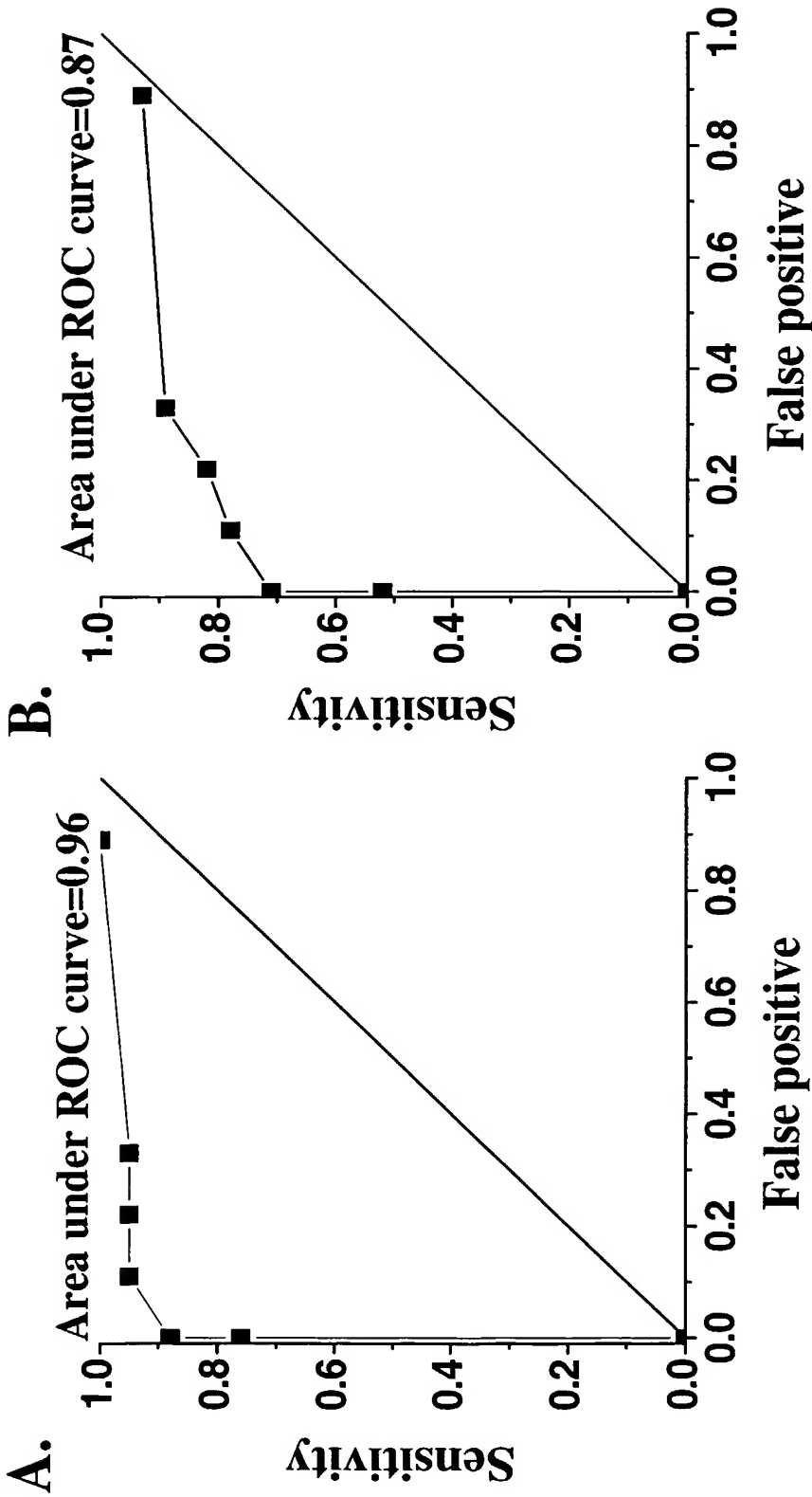


Figure 12

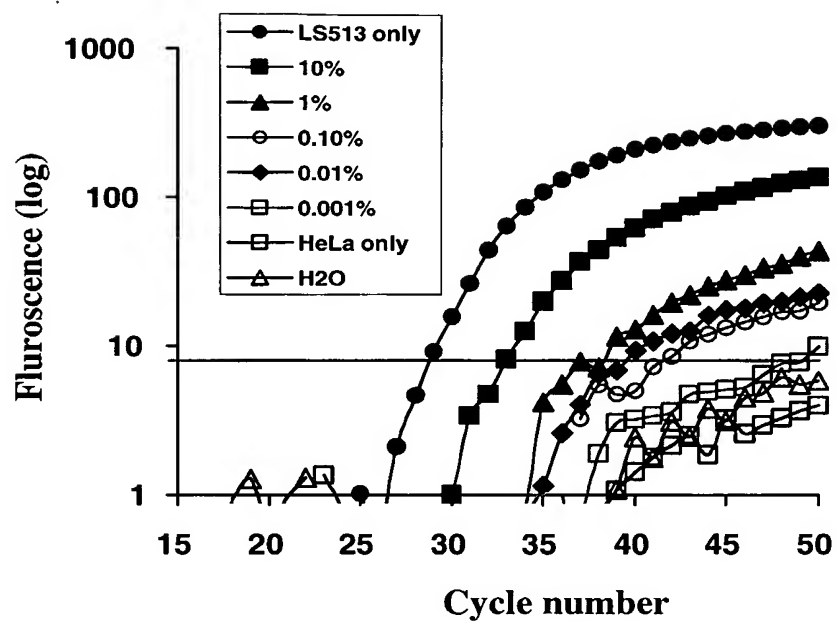


Figure 13

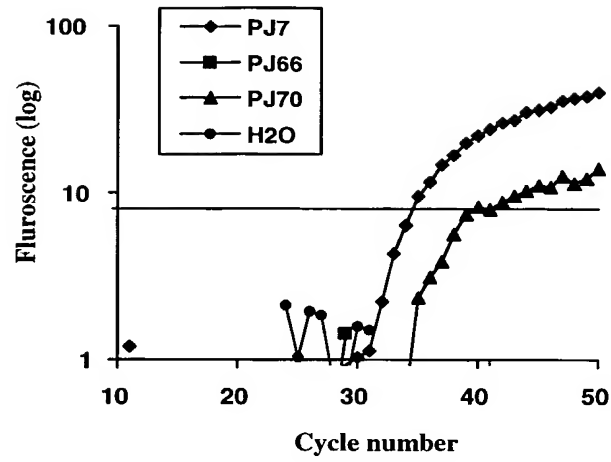


Figure 14

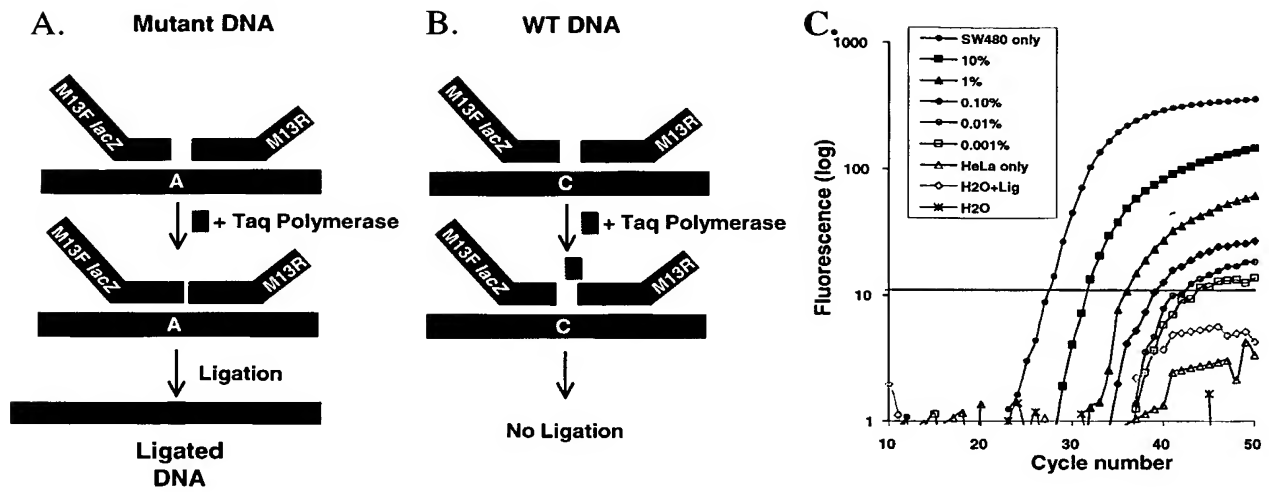


Figure 15

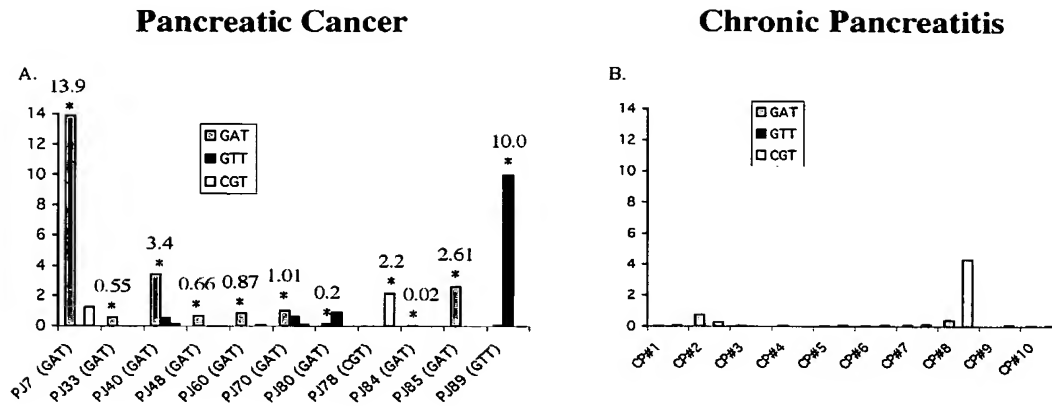


Figure 16

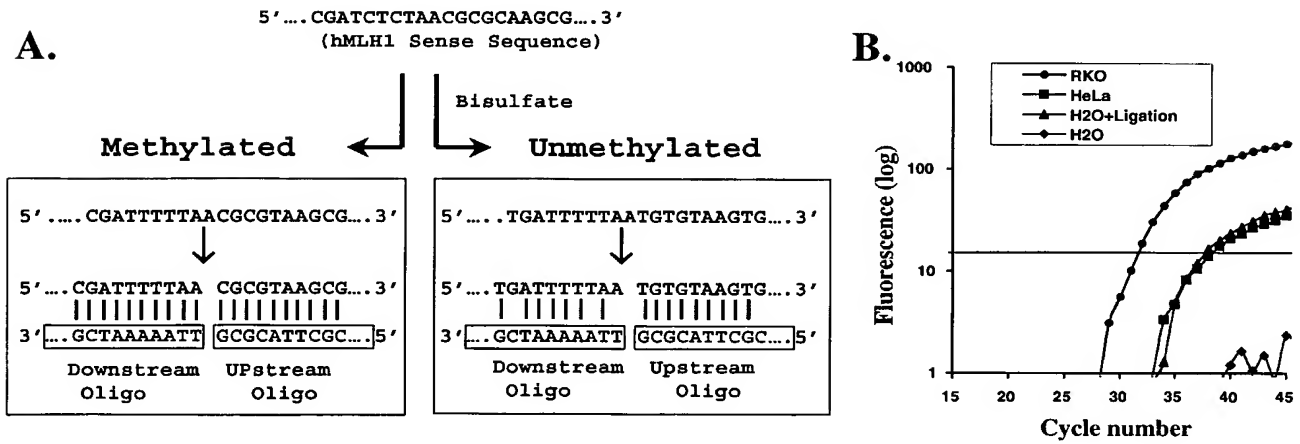


Figure 17

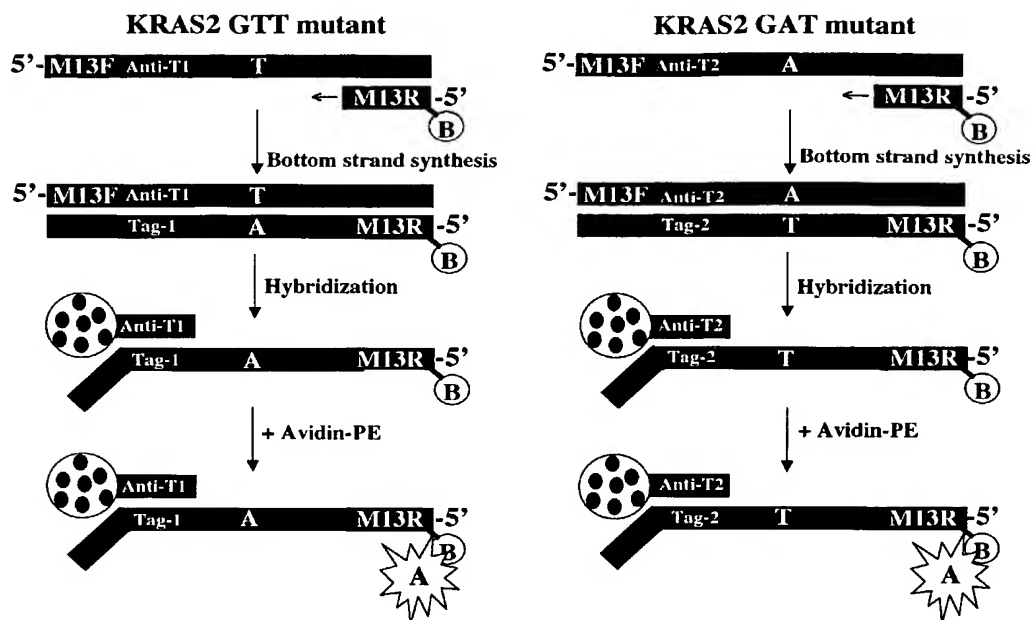


Figure 18

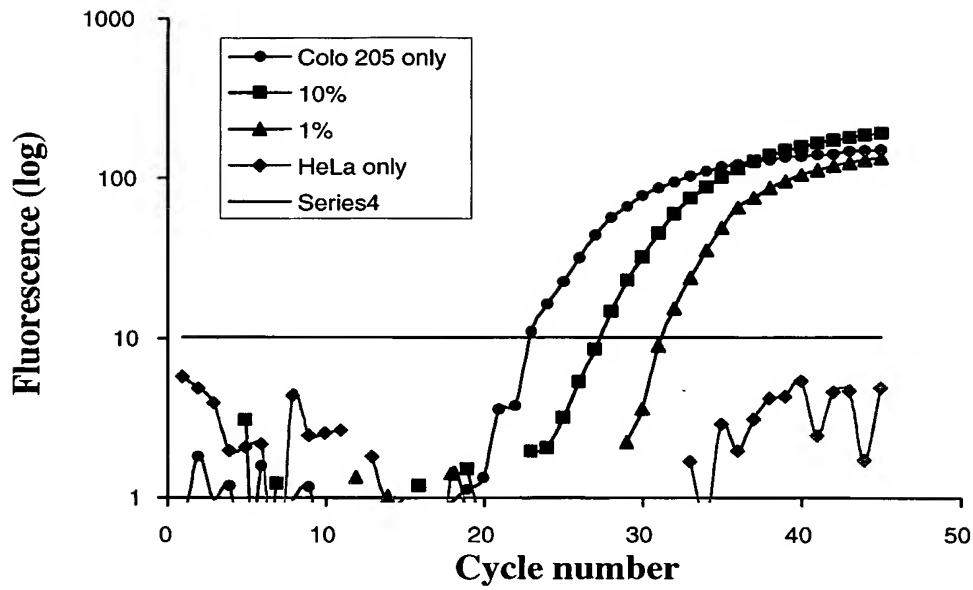
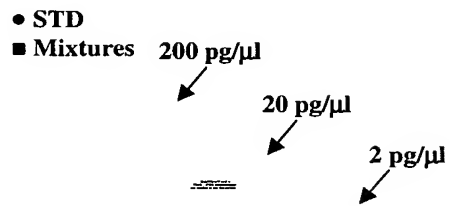


Figure 19

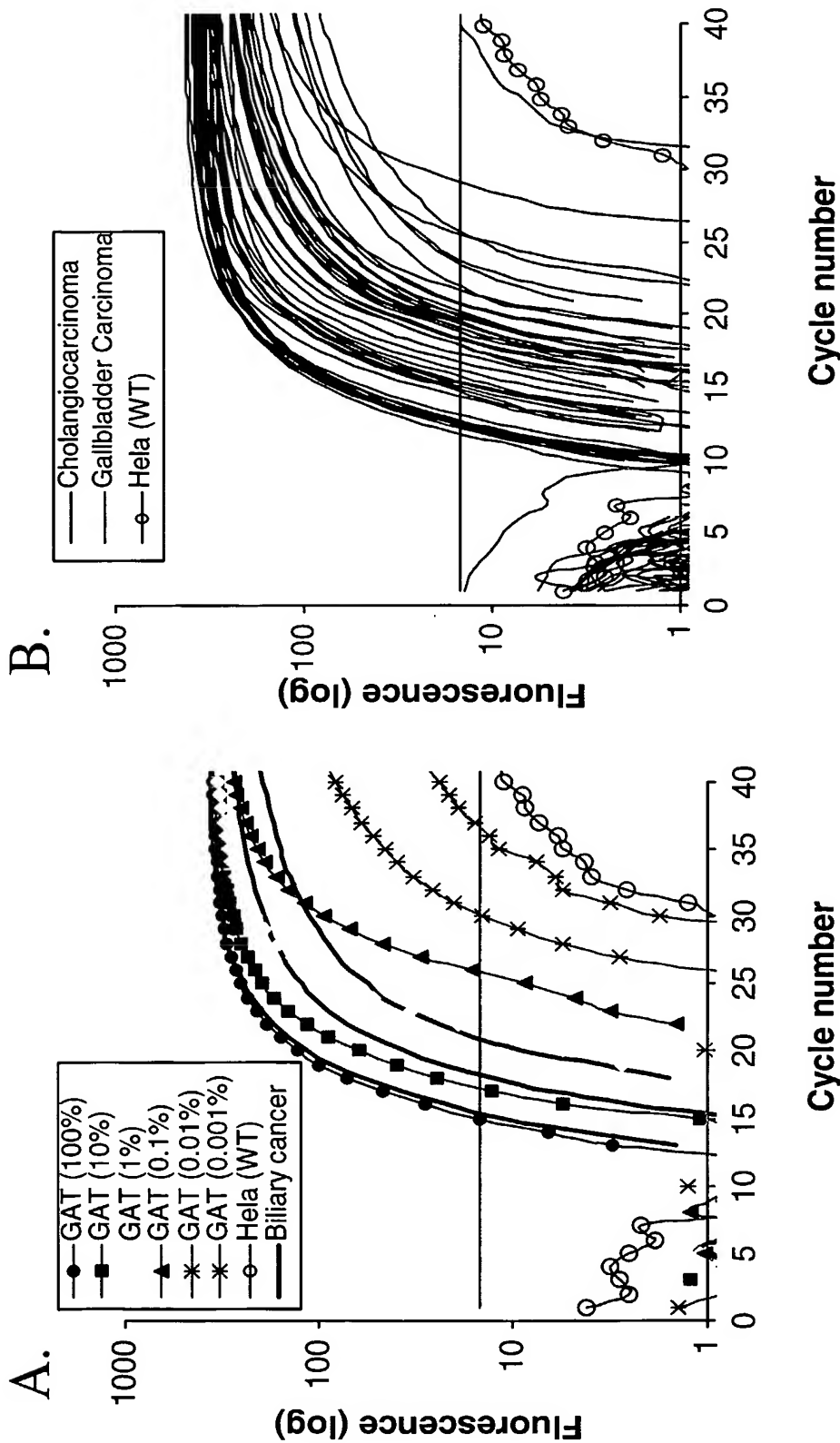
A. Standard curve for quantification



B. % heteroplasmy in the mixtures

Sample #	Heteroplasmy (%)
A	55.3
B	18.7
C	3.3
D	55.7
E	1.1
F	27.5
G	4.02
H	25.6

Figure 20



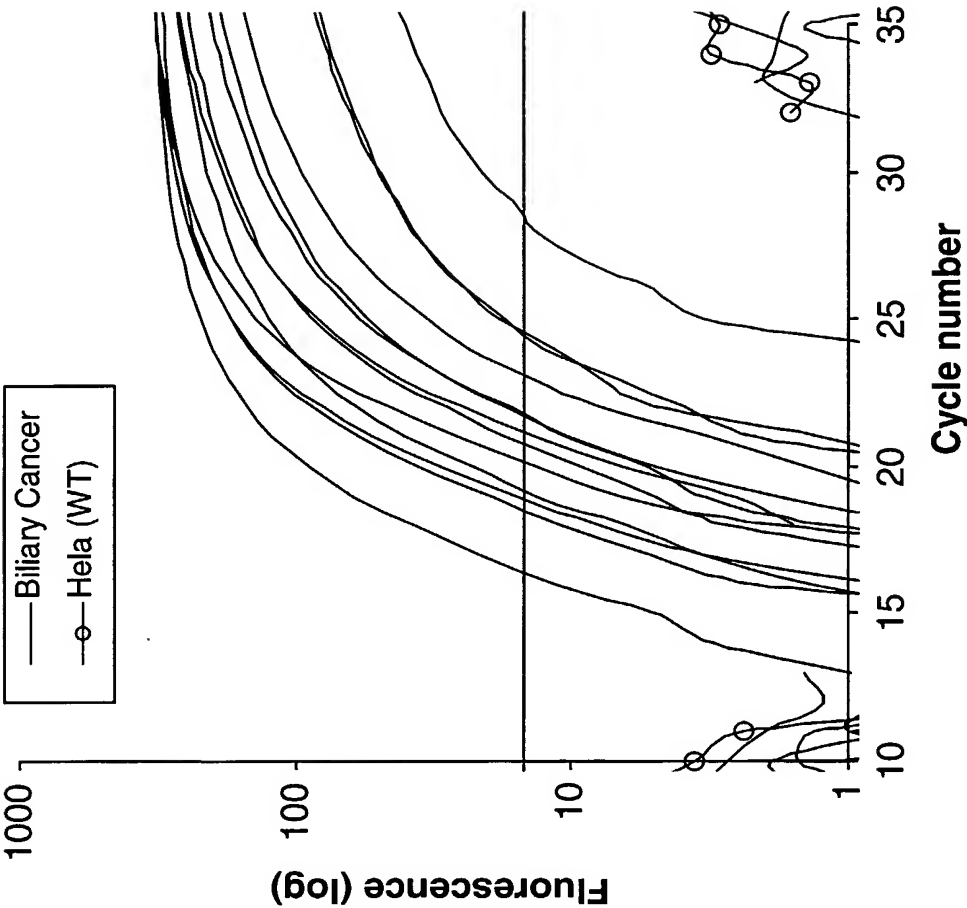


Figure 21

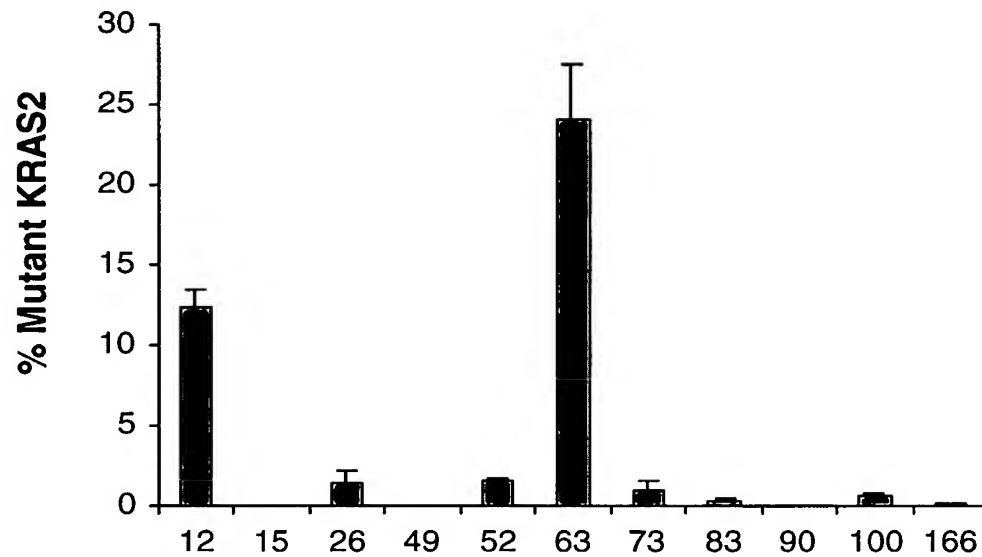
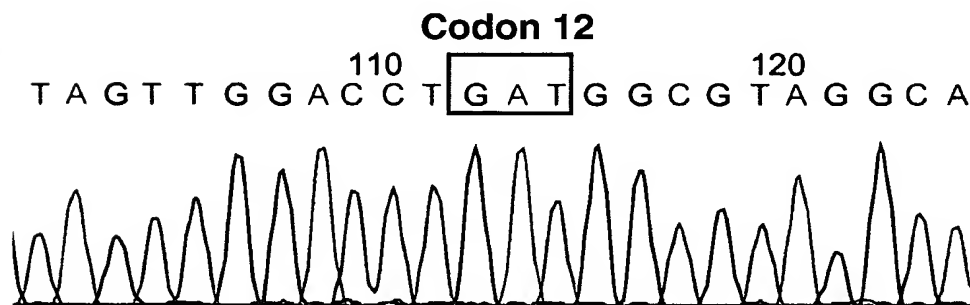
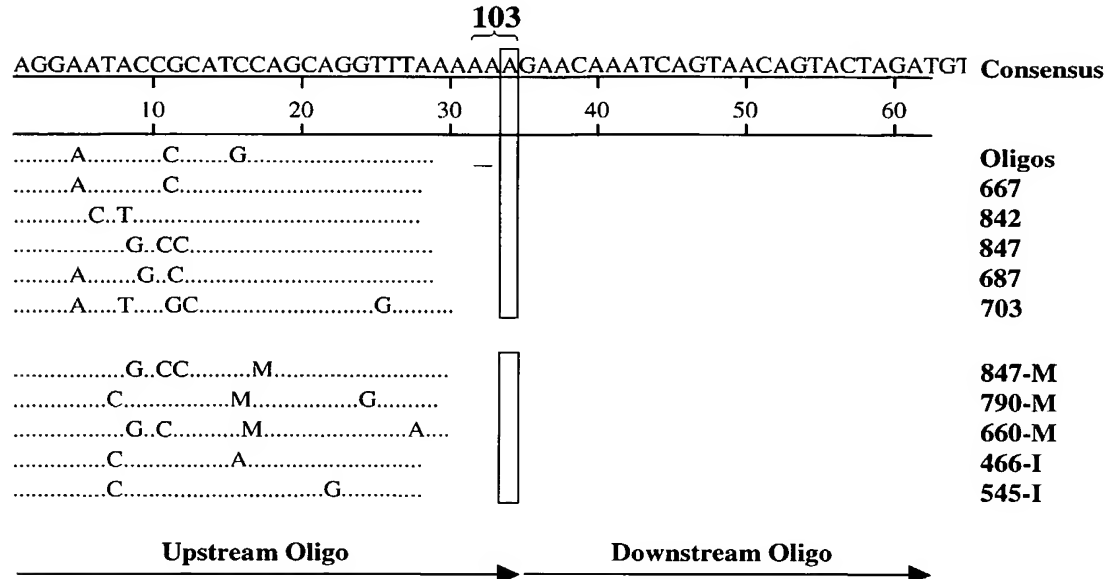
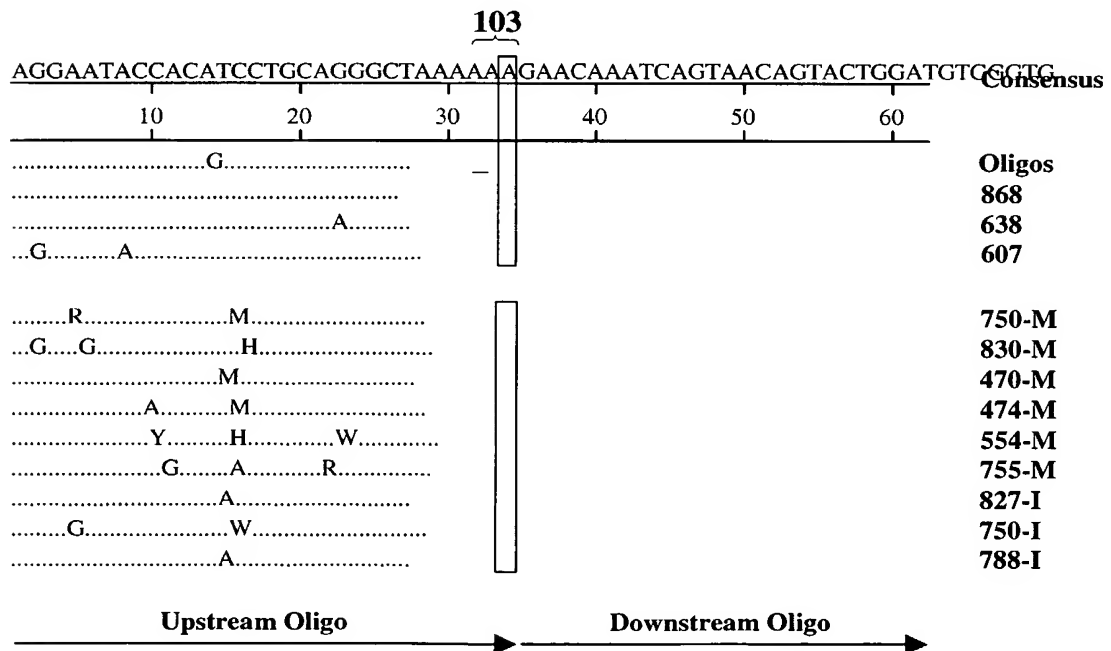
Figure 22**A.****B.**

Figure 23

A**B**

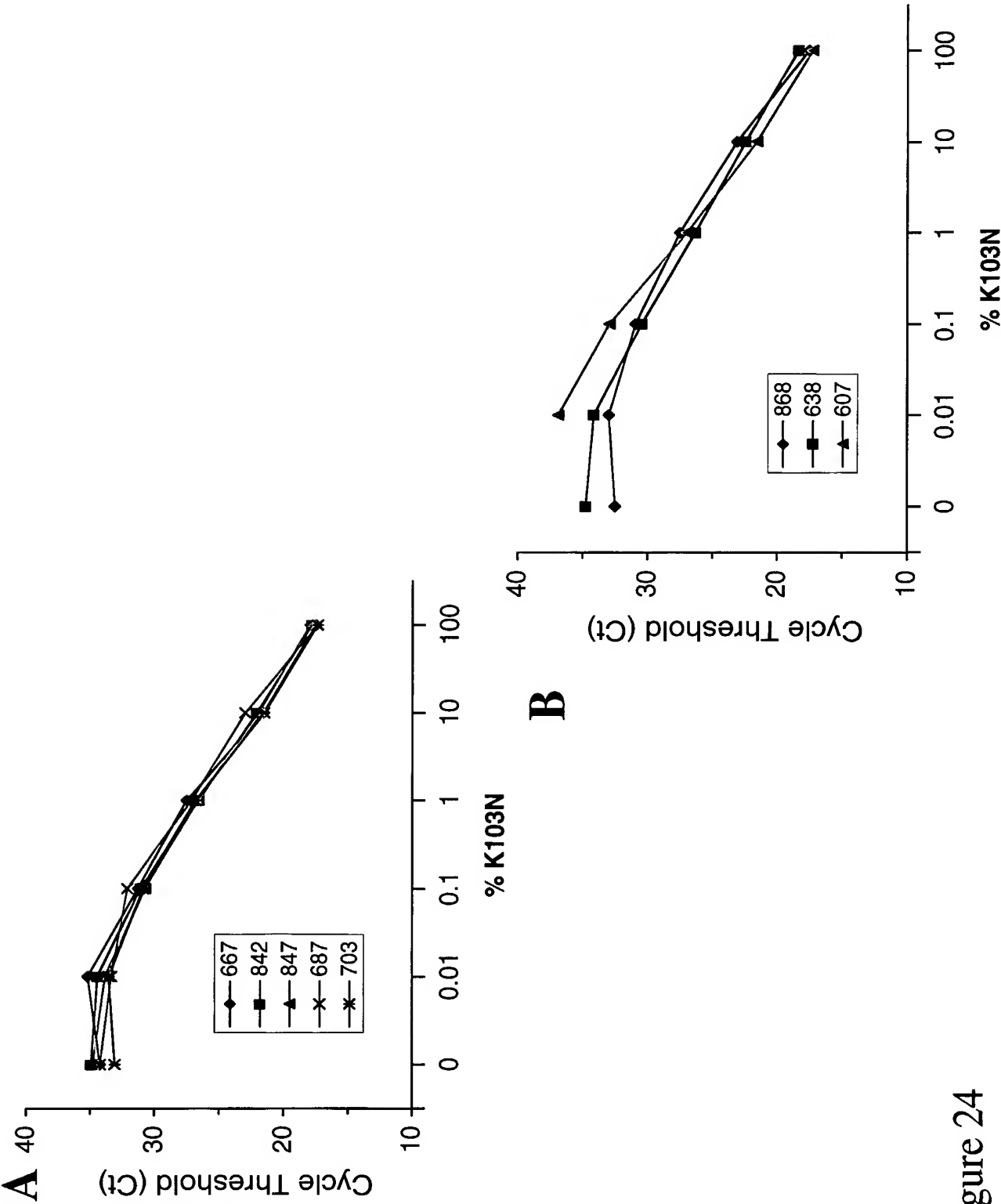


Figure 24

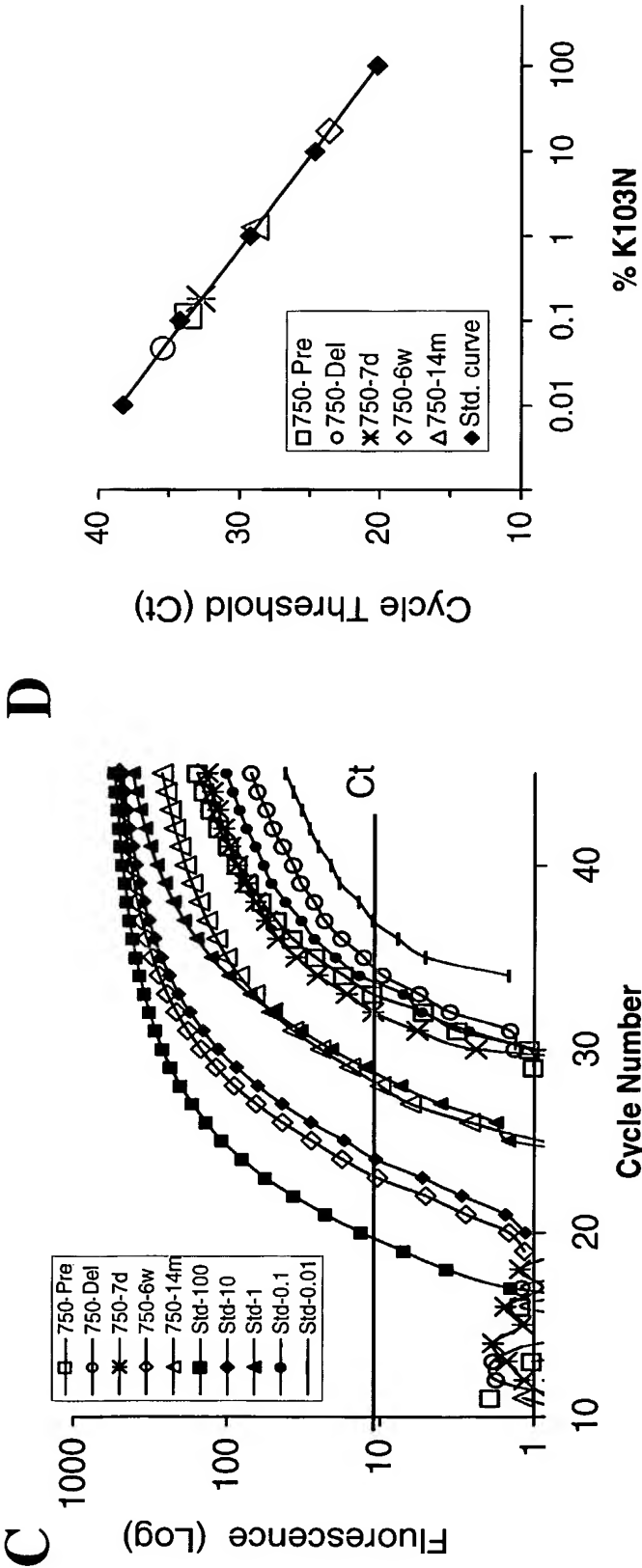


Figure 24 (cont.)

[illegible]

Strain	PD16L (Left)	PD16L (Right)
M-470	~25	~25
M-474	~25	~2
M-554	~25	~25
M-660	~25	~25
M-750	~25	~2
M-755	~25	~25
M-790	~25	~25
M-830	~25	~5
M-847	~25	~25

Figure 10: Bar chart showing the percentage of non-viral protein (NVP) for various proteins (M-470, M-474, M-554, M-660, M-750, M-755, M-790, M-830, M-847) across different conditions (PD16 L, PD16 L, PD16 L). The y-axis represents %NVP on a logarithmic scale from 0.1 to 100. The x-axis lists the proteins and their corresponding conditions. Arrows indicate specific data points. The legend indicates that K103N is represented by black bars and Other by white bars.

Protein	Condition	K103N (%)	Other (%)
M-470	PD16 L	~10	~10
	PD16 L	~10	~10
M-474	PD16 L	~10	~10
	PD16 L	~10	~10
M-554	PD16 L	~10	~10
	PD16 L	~10	~10
M-660	PD16 L	~10	~10
	PD16 L	~10	~10
M-750	PD16 L	~10	~10
	PD16 L	~10	~10
M-755	PD16 L	~10	~10
	PD16 L	~10	~10
M-790	PD16 L	~10	~10
	PD16 L	~10	~10
M-830	PD16 L	~10	~10
	PD16 L	~10	~10
M-847	PD16 L	~10	~10
	PD16 L	~10	~10

Figure 26

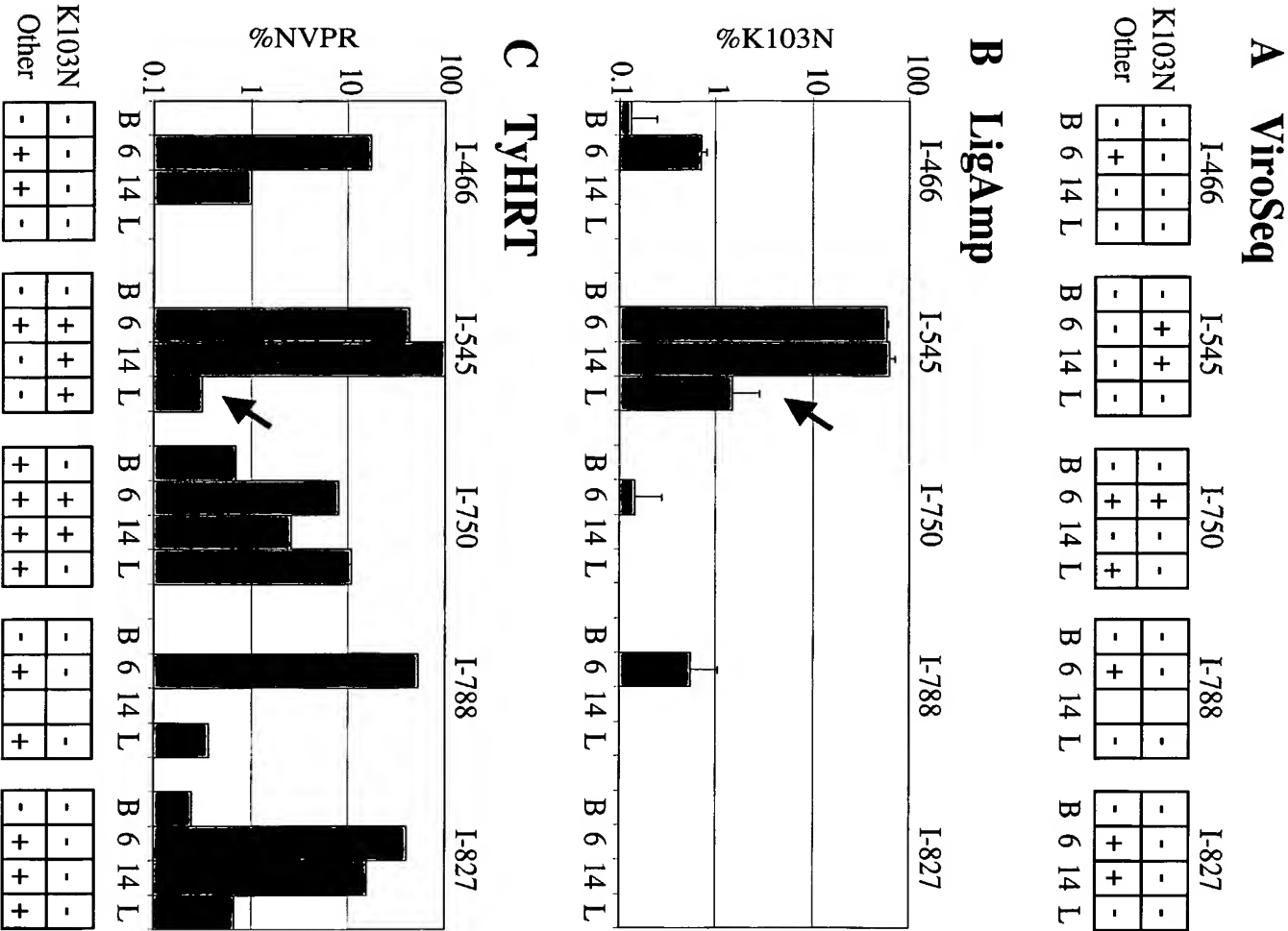
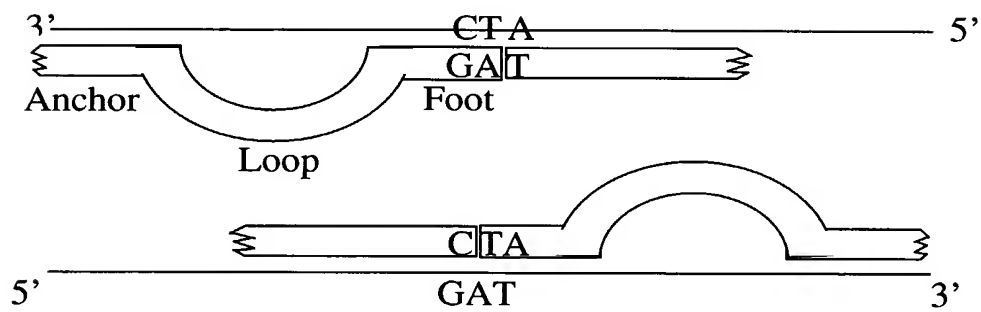


Figure 27

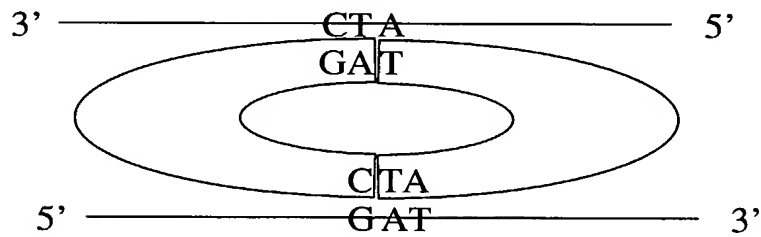
A.



B.



C.



D.

